

Agile Tutorial

Agile Terminologies

1. What is Agile
2. Why Agile
3. Agile Manifesto
4. Traditional Model vs Agile Model
5. What is Scrum
6. Epic
7. User Story
8. Product Backlog
9. Sprint Backlog
10. Scrum Team
 - a. Product Owner
 - b. Scrum Master
 - c. Dev Team (7 people + / - 2)
11. Roles and Responsibilities of each member
12. Definition of Ready
13. Definition of Done
14. Release Planning
15. Sprint Planning
16. Daily Scrum / Scrum Meeting
17. Sprint Review
18. Sprint Retrospective
 - a. Four square Method
19. Increment
20. Kanban Task Board

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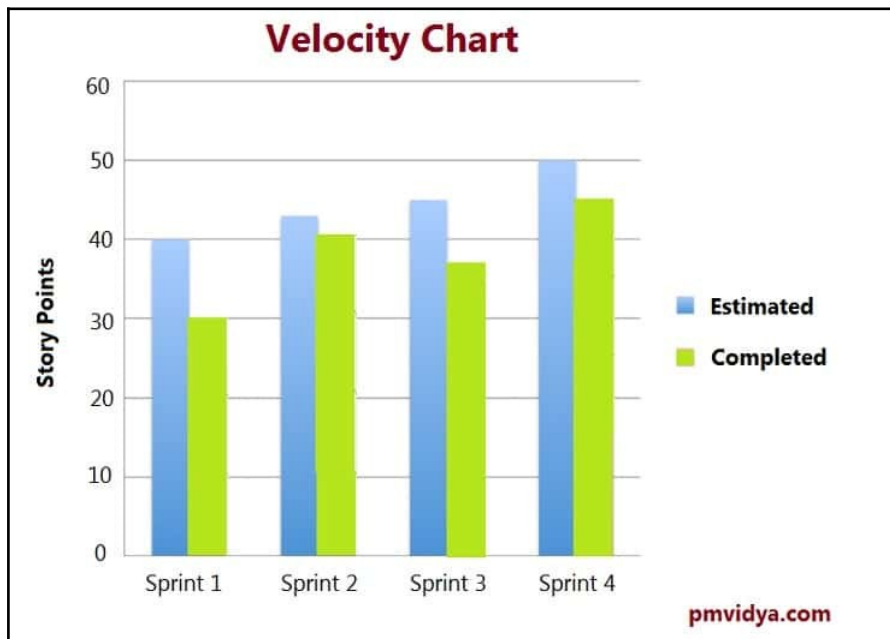
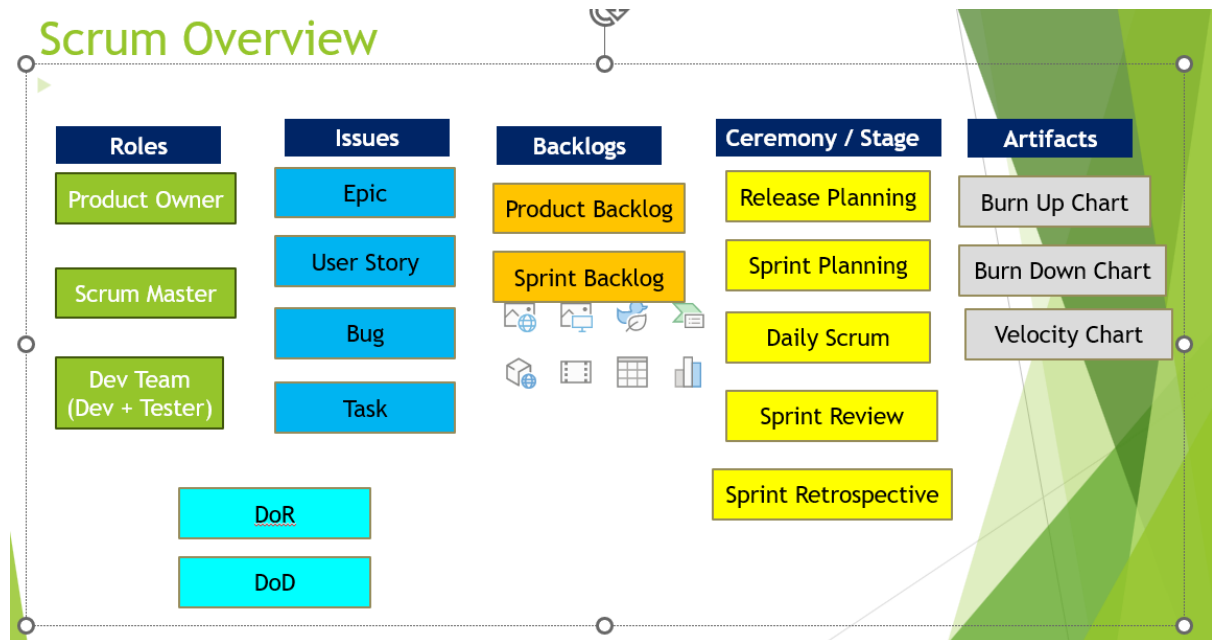
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Scrum Overview



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Step by step to work in JIRA

1. Install JIRA
2. Create the project
3. Select Company Managed Project
4. Add team members in the project
5. Create Component
6. Create the version
7. Create Epic
8. Create User Story
9. Create Sprint
10. Add User Story in the Sprint
11. Start Sprint
12. Add Sub-Task for Dev
13. Add Sub-Tasks for Testing
14. Execute the task
 - a. Create Test Cases
 - b. Add Test Cycle
 - c. Execute Test Cases
 - d. Log Bugs
15. Import test cases from excel file to JIRA with the help of Zephyr
16. Close the Sprint

How to create User Story

A **user story** is a small, user-focused description of a feature's functionality.

A **feature** is a collection of user stories that together deliver a specific aspect of the software product.

An **epic** is a large body of work that encompasses multiple features and user stories, often representing a major initiative or theme.

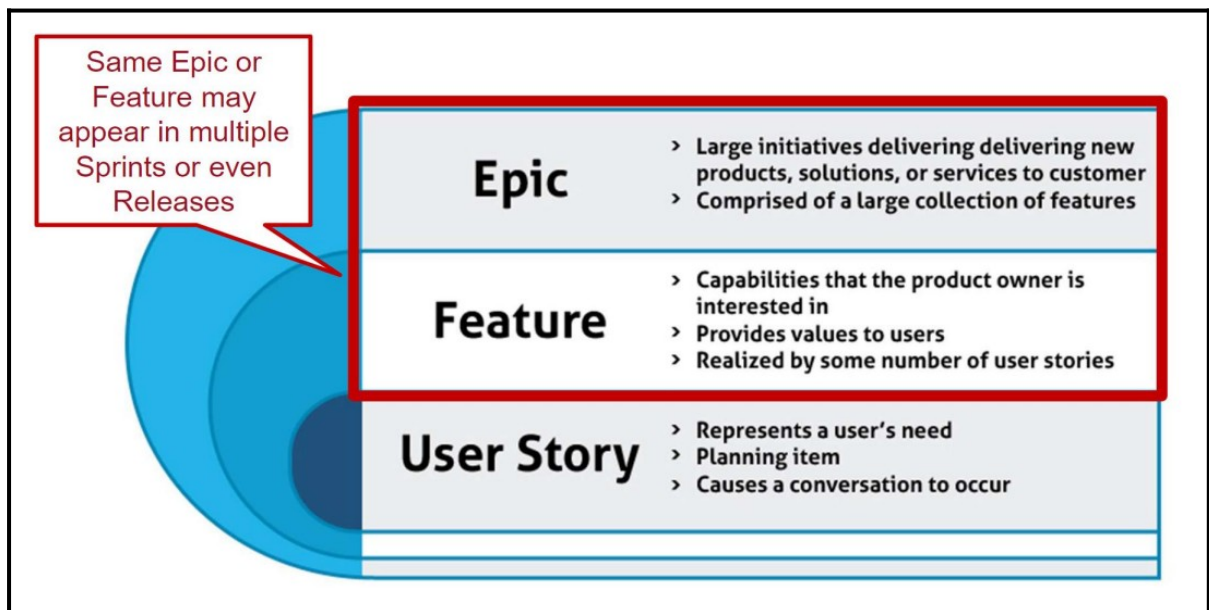
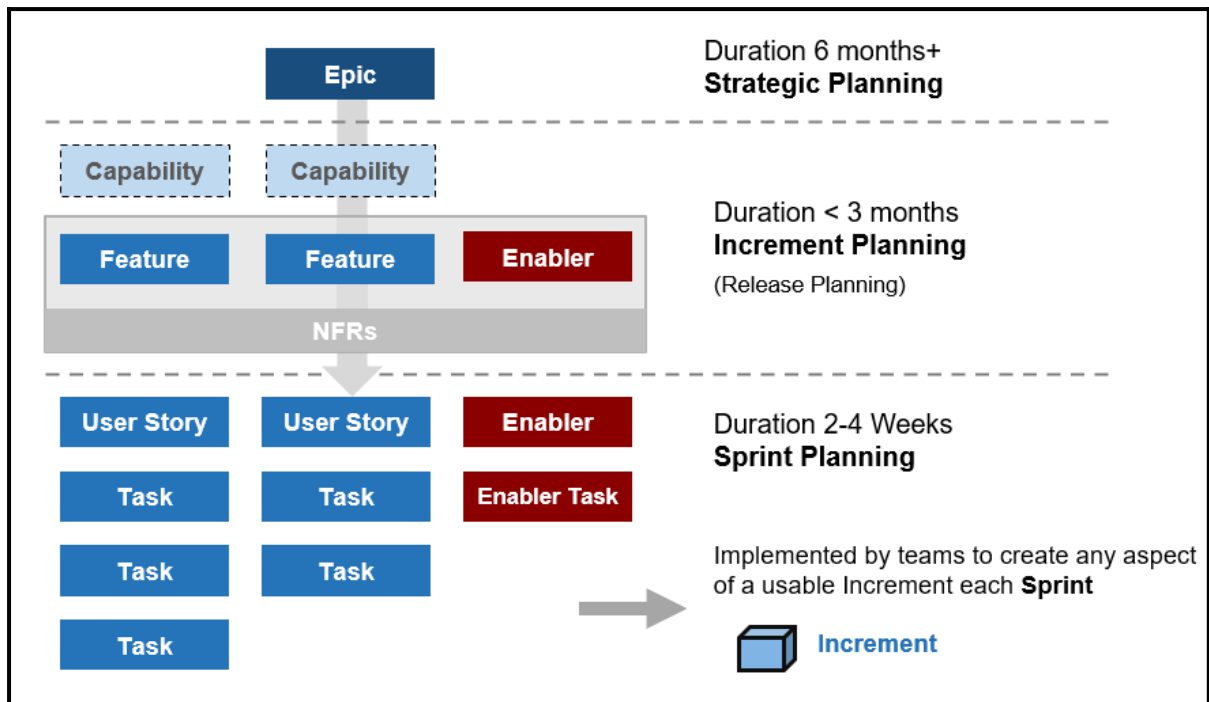
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User story template

User stories are often expressed in a simple sentence, structured as follows:

As a... [user/persona]

I want to... [action/task]

So that... [benefit]

When I... [action]

This happens... [outcome]

“As a [persona], I [want to], [so that].”

Breaking this down:

- **“As a [persona]”**: Who are we building this for? We’re not just after a job title, we’re after the persona of the person. Max. Our team should have a shared understanding of who Max is. We’ve hopefully interviewed plenty of Max’s. We understand how that person works, how they think and what they feel. We have empathy for Max.
- **“Wants to”**: Here we’re describing their intent — not the features they use. What is it they’re actually trying to achieve? This statement should be implementation free — if you’re describing any part of the UI and not what the user goal is you’re missing the point.
- **“So that”**: how does their immediate desire to do something fit into their bigger picture? What’s the overall benefit they’re trying to achieve? What is the big problem that needs solving?

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"As a logged out user,
I want to be able to sign in to the
website,
so that I can see my previous
transactions."

User Story Examples:

Example 1:

Consider a feature: "**User Registration**".

This feature can be broken down into multiple user stories such as:

1. **As a user, I want to create an account using my email address so that I can access the application.**
2. **As a user, I want to receive a confirmation email after registration so that I can verify my email address.**
3. **As a user, I want to reset my password if I forget it so that I can regain access to my account.**
4. **As a user, I want to be able to login using my Google account so that I can quickly access the application.**

Example 2:

- As a user, I want to invite my friends, so we can enjoy this service together.
- As a user, I want to organize my work, so I can feel more in control.
- As a manager, I want to be able to understand my colleagues progress, so I can better report our success and failures.

This structure is not required, but it is helpful for defining done. When that persona can capture their desired value, then the story is complete. We encourage teams to define their own structure, and then to stick to it.

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